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WHAT IS CLAIMED IS:

1. A compound of formula I:

$$R^3$$
 R^{2b}
 R^{2a}
 R^{2

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5 or a stereoisomer or pharmaceutically acceptable salt form thereof, wherein;

A is selected from $-COR^5$, $-CO_2H$, CH_2CO_2H , $-CO_2R^6$, -CONHOH, $-CONHOR^5$, $-CONHOR^6$, -N(OH)CHO, $-N(OH)COR^5$, -SH, $-CH_2SH$, $-SONHR^a$, $-SN_2H_2R^a$, $-PO(OH)_2$, and $-PO(OH)NHR^a$;

ring B is a 3-10 membered carbocyclic or heterocyclic ring consisting of: carbon atoms, 0-1 carbonyl groups, 0-1 double bonds, and from 0-2 ring heteroatoms selected from O, N, NR², and S(O)_p, provided that ring B contains other than a S-S, O-O, or S-O bond and provided that N-R² forms other than an N-O, N-N, or N-S bond;

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Z is absent or selected from a C_{3-13} carbocyclic residue substituted with 0-5 $R^{\rm b}$ and a 5-14 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_{\rm p}$ and substituted with 0-5 $R^{\rm b}$;

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- X^a is absent or selected from C_{1-10} alkylene, C_{2-10} alkenylene, and C_{2-10} alkynylene;
- 5 Ya is absent or selected from O, NRa1, S(O)p, and C(O);
 - Z^a is selected from a C_{3-13} carbocyclic residue substituted with 0-5 R^c and a 5-14 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(0)_p$ and substituted with 0-5 R^c;
 - provided that Z, U^a , Y^a , and Z^a do not combine to form a N-N, N-O, O-N, O-O, $S(0)_p$ -O, O- $S(0)_p$ or $S(0)_p$ -S(O) $_p$ group;
 - R^{1a} is selected from H, C_{1-4} alkyl, phenyl, benzyl, CH_2OR^3 , and $CH_2NR^aR^{a1}$;
- 20 R^{1b} is selected from H, C_{1-4} alkyl, phenyl, benzyl, CH_2OR^3 , and $CH_2NR^aR^{a1}$;
- alternatively, R^{1a} and R^{1b} combine to form a 3-6 membered ring consisting of: carbon atoms and 0-1 heteroatoms 25 selected from O, S, S(O), S(O)₂, and NR^a;
 - provided that when R^{1a} and R^{1b} are hydrogen and ring B is a heterocycle, then Z^a is the following:



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ring C is phenyl or pyridyl and is substituted with 0-2 R^c; ring D is selected from phenyl, pyridyl, pyridazinyl, pyrimidyl, and pyrazinyl, and is substituted with 0-3 R^c;
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 $\rm R^2$ is selected from Q, $\rm C_{1-10}$ alkylene-Q substituted with 0-3 $\rm R^{b1}$, $\rm C_{2-10}$ alkenylene-Q substituted with 0-3 $\rm R^{b1}$, $\rm C_{2-10}$ alkynylene-Q substituted with 0-3 $\rm R^{b1}$, $(\rm CR^aR^{a1})_{r1}O(\rm CR^aR^{a1})_{r}-\rm Q, \ (\rm CR^aR^{a1})_{r1}NR^a(\rm CR^aR^{a1})_{r}-\rm Q,$

 $(CR^{a}R^{a1})_{r1}C(0)(CR^{a}R^{a1})_{r}-Q, (CR^{a}R^{a1})_{r1}C(0)O(CR^{a}R^{a1})_{r}-Q,$ $(CR^{a}R^{a1})_{r1}OC(0)(CR^{a}R^{a1})_{r}-Q, (CR^{a}R^{a1})_{r1}C(0)NR^{a}R^{a1},$ $(CR^{a}R^{a1})_{r1}C(0)NR^{a}(CR^{a}R^{a1})_{r}-Q,$

 $(CR^aR^{a1})_{r1}NR^aC(0)(CR^aR^{a1})_{r}-Q,$

 $(CR^{a}R^{a1})_{r1}OC(0)O(CR^{a}R^{a1})_{r}-Q,$

 $(CR^aR^{a1})_{r1}OC(O)NR^a(CR^aR^{a1})_{r}-Q$,

 $(CR^{a}R^{a1})_{r1}NR^{a}C(0)O(CR^{a}R^{a1})_{r}-Q$,

 $(CR^aR^{a1})_{r1}NR^aC(O)NR^a(CR^aR^{a1})_{r}-Q$,

 $(CR^{a}R^{a1})_{r1}S(0)_{p}(CR^{a}R^{a1})_{r}-Q, (CR^{a}R^{a1})_{r1}SO_{2}NR^{a}(CR^{a}R^{a1})_{r}-Q,$

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 $(CR^{a}R^{a1})_{r1}NR^{a}SO_{2}(CR^{a}R^{a1})_{r}-Q, \text{ and}$ $(CR^{a}R^{a1})_{r1}NR^{a}SO_{2}NR^{a}(CR^{a}R^{a1})_{r}-Q;$

 $\rm R^{2a}$ is selected from H, $\rm C_{1-4}$ alkyl, phenyl, benzyl, $\rm CH_2OR^3$, and $\rm CH_2NR^aR^{a1}$;

 ${
m R}^{
m 2b}$ is selected from H, ${
m C}_{
m 1-4}$ alkyl, phenyl, benzyl, ${
m CH}_{
m 2}{
m OR}^{
m 3}$, and ${
m CH}_{
m 2}{
m NR}^{
m a}{
m R}^{
m al}$;

alternatively, R^{2a} and R^{2b} combine to form a 3-6 membered 30 ring consisting of: carbon atoms and 0-1 heteroatoms selected from O, S, S(O), S(O)₂, and NR^a ;

- Q is selected from H, a C_{3-13} carbocyclic residue substituted with 0-5 R^d and a 5-14 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, 0, and $S(0)_p$ and substituted with 0-5 R^d ;
- R³, at each occurrence, is selected from Q¹, C₁₋₆ alkylene-Q¹, C₂₋₆ alkenylene-Q¹, C₂₋₆ alkynylene-Q¹, $(CR^{a}R^{a1})_{r1}O(CH_{2})_{r}-Q^{1}, \quad (CR^{a}R^{a1})_{r1}NR^{a}(CR^{a}R^{a1})_{r}-Q^{1},$ $(CR^{a}R^{a1})_{r1}NR^{a}C(O)(CR^{a}R^{a1})_{r}-Q^{1},$ $(CR^{a}R^{a1})_{r1}C(O)NR^{a}(CR^{a}R^{a1})_{r}-Q^{1},$ $(CR^{a}R^{a1})_{r1}C(O)(CR^{a}R^{a1})_{r}-Q^{1}, \quad (CR^{a}R^{a1})_{r1}C(O)O(CR^{a}R^{a1})_{r}-Q^{1},$ $(CR^{a}R^{a1})_{r1}S(O)_{p}(CR^{a}R^{a1})_{r}-Q^{1}, \quad \text{and}$ $(CR^{a}R^{a1})_{r1}SO_{2}NR^{a}(CR^{a}R^{a1})_{r}-Q^{1};$
- alternatively, when two R³'s are attached to the same carbon atom, they combine to form a 3-8 membered carbocyclic or heterocyclic ring consisting of:

 20 carbon atoms and 0-3 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-3 R^d;
- Q¹ is selected from H, phenyl substituted with 0-3 R^d,

 25 naphthyl substituted with 0-3 R^d and a 5-10 membered heteroaryl consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N,

 O, and S and substituted with 0-3 R^d;
- 30 R^a , at each occurrence, is independently selected from H, C_{1-4} alkyl, phenyl and benzyl;

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- R^{a1} , at each occurrence, is independently selected from H and C_{1-4} alkyl;
- alternatively, R^a and R^{a1} when attached to a nitrogen are
 taken together with the nitrogen to which they are
 attached to form a 5 or 6 membered ring comprising
 carbon atoms and from 0-1 additional heteroatoms
 selected from the group consisting of N, O, and S(O)p;
- 10 R^{a2} , at each occurrence, is independently selected from C_{1-4} alkyl, phenyl and benzyl;
 - Rb, at each occurrence, is independently selected from C_{1-6} alkyl, OR^a , Cl, F, Br, I, =O, -CN, NO_2 , NR^aR^{a1} , $C(O)R^a$, $C(O)OR^a$, $C(O)NR^aR^{a1}$, $R^aNC(O)NR^aR^{a1}$, $OC(O)NR^aR^{a1}$, $OC(O)NR^aR^{a1}$, $OC(O)NR^aR^{a1}$, $OC(O)_2NR^aR^{a1}$, OC
- R^{b1} , at each occurrence, is independently selected from OR^a, Cl, F, Br, I, =0, -CN, NO₂, and NR^aR^{a1};
- R^c, at each occurrence, his independently selected from C₁₋₆ alkyl, OR^a, Cl, F, Br, I, =0, -CN, NO₂, NR^aR^{a1}, C(0)R^a, C(0)OR^a, C(0)NR^aR^{a1}, R^aNC(0)NR^aR^{a1}, OC(0)NR^aR^{a1}, R^aNC(0)O, S(0)₂NR^aR^{a1}, NR^aS(0)₂R^{a2}, NR^aS(0)₂NR^aR^{a1}, OS(0)₂NR^aR^{a1}, NR^aS(0)₂R^{a2}, S(0)_pR^{a2}, CF₃, CF₂CF₃, C₃₋₁₀ carbocyclic residue and a 5-14 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(0)_p;
 - R^d , at each occurrence, is independently selected from C_{1-6} alkyl, OR^a , Cl, F, Br, I, =0, -CN, NO_2 , NR^aR^{a1} , $C(O)R^a$,

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C(0)ORa, C(0)NRaRal, Ranc(0)NRaRal, OC(0)NRaRal, Ranc(0)O, S(0)_2NRaRal, NRas(0)_2Ral, NRas(0)_2Ral, NRas(0)_2Ral, OS(0)_2NRaRal, NRas(0)_2Ral, CF_3, CF_2CF_3, C_3-10 carbocyclic residue and a 5-14 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(0)_p;
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- R^5 , at each occurrence, is selected from C_{1-10} alkyl substituted with 0-2 R^b , and C_{1-8} alkyl substituted with 0-2 R^e ;
- R^e , at each occurrence, is selected from phenyl substituted with 0-2 R^b and biphenyl substituted with 0-2 R^b ;
- R⁶, at each occurrence, is selected from phenyl, naphthyl, C₁₋₁₀ alkyl-phenyl-C₁₋₆ alkyl-, C₃₋₁₁ cycloalkyl, C₁₋₆ alkylcarbonyloxy-C₁₋₃ alkyl-, C₁₋₆ alkoxycarbonyloxy-C₁₋₃ alkyl-, C₂₋₁₀ alkoxycarbonyl, C₃₋₆ cycloalkylcarbonyloxy-C₁₋₃ alkyl-, C₃₋₆ cycloalkoxycarbonyloxy-C₁₋₃ alkyl-, C₃₋₆
 cycloalkoxycarbonyloxy-C₁₋₃ alkyl-, C₃₋₆
 cycloalkoxycarbonyl, phenoxycarbonyl, phenyloxycarbonyloxy-C₁₋₃ alkyl-,

phenylcarbonyloxy- C_{1-3} alkyl-, C_{1-6} alkoxy- C_{1-6}

alkylcarbonyloxy-C₁₋₃ alkyl-, [5-(C₁-C₅

alkyl)-1,3-dioxa-cyclopenten-2-one-yl]methyl,

[5-(R^a)-1,3-dioxa-cyclopenten-2-one-yl]methyl,

(5-aryl-1,3-dioxa-cyclopenten-2-one-yl)methyl, -C₁₋₁₀

 $alkyl-NR^7R^{7a}$, $-CH(R^8)OC(=O)R^9$, and $-CH(R^8)OC(=O)OR^9$;

30 R^7 is selected from H and C_{1-10} alkyl, C_{2-6} alkenyl, C_{3-6} cycloalkyl- C_{1-3} alkyl-, and phenyl- C_{1-6} alkyl-;

- R^{7a} is selected from H and C_{1-10} alkyl, C_{2-6} alkenyl, C_{3-6} cycloalkyl-C₁₋₃ alkyl-, and phenyl-C₁₋₆ alkyl-;
- R^8 is selected from H and C_{1-4} linear alkyl;

- R^9 is selected from H, C_{1-8} alkyl substituted with 1-2 R^f , C_{3-8} cycloalkyl substituted with 1-2 R^f , and phenyl substituted with $0-2 R^b$;
- R^f , at each occurrence, is selected from C_{1-4} alkyl, C_{3-8} 10 cycloalkyl, C_{1-5} alkoxy, and phenyl substituted with $0-2 R^{b};$
 - p, at each occurrence, is selected from 0, 1, and 2;

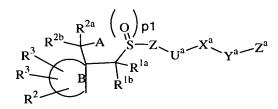
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- p1 is selected from 0, 1, and 2;
- r, at each occurrence, is selected from 0, 1, 2, 3, and 4; and,

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r1, at each occurrence, is selected from 0, 1, 2, 3, and 4. 11

25 A compound according to Claim 1, wherein the compound is of formula II:



II

or a stereoisomer or pharmaceutically acceptable salt form 30 thereof, wherein;

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- A is selected from $-CO_2H$, CH_2CO_2H , -CONHOH, $-CONHOR^5$, $-CONHOR^6$, -N(OH)CHO, $-N(OH)COR^5$, -SH, and $-CH_2SH$;
- 5 ring B is a 4-7 membered carbocyclic or heterocyclic ring consisting of: carbon atoms, 0-1 carbonyl groups, 0-1 double bonds, and from 0-2 ring heteroatoms selected from O, N, and NR², provided that ring B contains other than an O-O bond and provided that N-R² forms other than an N-O, N-N, or N-S bond;
 - Z is absent or selected from a C_{3-6} carbocyclic residue substituted with 0-4 R^b and a 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(0)_p$ and substituted with 0-3 R^b ;
 - U^a is absent or is selected from: 0, NR^{a1} , C(0), C(0)0, $C(0)NR^{a1}$, $NR^{a1}C(0)$, $S(0)_p$, and $S(0)_pNR^{a1}$;
 - X^a is absent or selected from C_{1-4} alkylene and C_{2-4} alkynylene;
 - Y^a is absent or selected from O and NR^{a1};
- Z^a is selected from H, a C₃₋₁₀ carbocyclic residue
 substituted with 0-5 R^c and a 5-10 membered
 heterocycle consisting of: carbon atoms and 1-4
 heteroatoms selected from the group consisting of N,

 O, and S(O)_p and substituted with 0-5 R^c;

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- provided that Z, U^a , Y^a , and Z^a do not combine to form a N-N, N-O, O-N, O-O, $S(0)_p$ -O, O- $S(0)_p$ or $S(0)_p$ -S(O) $_p$ group;
- 5 R² is selected from Q, C_{1-6} alkylene-Q, C_{2-6} alkenylene-Q, $C_{2-6} \text{ alkynylene-Q, } (CR^aR^{a1})_{r1}O(CR^aR^{a1})_{r}-Q,$ $(CR^aR^{a1})_{r1}NR^a(CR^aR^{a1})_{r}-Q, (CR^aR^{a1})_{r1}C(0)(CR^aR^{a1})_{r}-Q,$ $(CR^aR^{a1})_{r1}C(0)O(CR^aR^{a1})_{r}-Q, (CR^aR^{a1})_{r}C(0)NR^aR^{a1},$ $(CR^aR^{a1})_{r1}C(0)NR^a(CR^aR^{a1})_{r}-Q, (CR^aR^{a1})_{r1}S(0)_{p}(CR^aR^{a1})_{r}-Q,$ $and (CR^aR^{a1})_{r1}SO_2NR^a(CR^aR^{a1})_{r}-Q;$
 - Q is selected from H, a C_{3-6} carbocyclic residue substituted with 0-5 R^d, and a 5-10 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, 0, and S(0)_D and substituted with 0-5 R^d;
 - R^a , at each occurrence, is independently selected from H, C_{1-4} alkyl, phenyl and benzyl;
 - R^{a1} , at each occurrence, is independently selected from H and C_{1-4} alkyl;
- alternatively, R^a and R^{a1} when attached to a nitrogen are

 taken together with the nitrogen to which they are

 attached to form a 5 or 6 membered ring comprising

 carbon atoms and from 0-1 additional heteroatoms

 selected from the group consisting of N, O, and S(O)_p;
- 30 R^{a2} , at each occurrence, is independently selected from C_{1-4} alkyl, phenyl and benzyl;

- R^b , at each occurrence, is independently selected from C_{1-6} alkyl, OR^a , Cl, F, Br, =O, -CN, NR^aR^{a1} , $C(O)R^a$, $C(O)NR^aR^{a1}$, $S(O)_2NR^aR^{a1}$, $S(O)_pR^{a2}$, and CF_3 ;
- 5 R^c, at each occurrence, is independently selected from C₁₋₆ alkyl, OR^a, Cl, F, Br, =0, -CN, NR^aR^{a1}, C(0)R^a, C(0)OR^a, C(0)NR^aR^{a1}, S(0)₂NR^aR^{a1}, S(0)_pR^{a2}, CF₃, C₃₋₆ carbocyclic residue and a 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(0)_p;
 - R^d , at each occurrence, is independently selected from C_{1-6} alkyl, OR^a , Cl, F, Br, =0, -CN, NR^aR^{a1} , $C(0)R^a$, $C(0)OR^a$, $C(0)NR^aR^{a1}$, $S(0)_2NR^aR^{a1}$, $S(0)_pR^{a2}$, CF_3 , C_{3-6} carbocyclic residue and a 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(0)_p$;
- R^5 , at each occurrence, is selected from C_{1-6} alkyl substituted with 0-2 R^b , and C_{1-4} alkyl substituted with 0-2 R^e ;
 - R^e , at each occurrence, is selected from phenyl substituted with 0-2 R^b and biphenyl substituted with 0-2 R^b ;
- R⁶, at each occurrence, is selected from phenyl, naphthyl, C₁₋₁₀ alkyl-phenyl-C₁₋₆ alkyl-, C₃₋₁₁ cycloalkyl, C₁₋₆ alkylcarbonyloxy-C₁₋₃ alkyl-, C₁₋₆ alkoxycarbonyloxy-C₁₋₃ alkyl-, C₂₋₁₀ alkoxycarbonyl, C₃₋₆ cycloalkylcarbonyloxy-C₁₋₃ alkyl-, C₃₋₆ cycloalkoxycarbonyloxy-C₁₋₃ alkyl-, C₃₋₆ cycloalkoxycarbonyl, phenoxycarbonyl,

- R^7 is selected from H and C_{1-6} alkyl, C_{2-6} alkenyl, C_{3-6} 10 cycloalkyl- C_{1-3} alkyl-, and phenyl- C_{1-6} alkyl-;
 - R^{7a} is selected from H and C_{1-6} alkyl, C_{2-6} alkenyl, C_{3-6} cycloalkyl- C_{1-3} alkyl-, and phenyl- C_{1-6} alkyl-;
- 15 R^8 is selected from H and C_{1-4} linear alkyl;
 - R^9 is selected from H, C_{1-6} alkyl substituted with 1-2 R^f , C_{3-6} cycloalkyl substituted with 1-2 R^f , and phenyl substituted with 0-2 R^b ;
 - Rf, at each occurrence, is selected from C_{1-4} alkyl, C_{3-6} cycloalkyl, C_{1-5} alkoxy, and phenyl substituted with 0-2 Rb;
- 25 p, at each occurrence, is selected from 0, 1, and 2;
 - r, at each occurrence, is selected from 0, 1, 2, 3, and 4; and,
- 30 r1, at each occurrence, is selected from 0, 1, 2, 3, and 4.

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3. A compound according to Claim 2, wherein the compound is of formula III:

$$\begin{array}{c|c}
A & H & (O) & p1 \\
H & S - Z & V^a - Z^a
\end{array}$$

$$\begin{array}{c|c}
A & H & (O) & p1 \\
H & S - Z & V^a - Z^a
\end{array}$$

III

or a stereoisomer or pharmaceutically acceptable salt form thereof, wherein;

A is selected from $-CO_2H$, CH_2CO_2H , -CONHOH, $-CONHOR^5$, -N(OH)CHO, and $-N(OH)COR^5$;

 B^1 is selected from NR^2 , O, and CHR^2 , provided that $N-R^2$ forms other than an N-O, N-N, or N-S bond;

Z is absent or selected from a C_{5-6} carbocyclic residue substituted with 0-3 R^b and a 5-6 membered heteroaryl comprising carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-3 R^b;

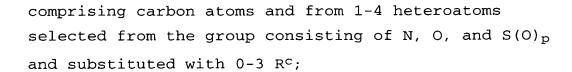
20 Ua is absent or is selected from: O, NRa1, C(O), C(O)NRa1, $S(O)_p$, and $S(O)_pNRa1$;

 X^a is absent or selected from C_{1-2} alkylene and C_{2-4} alkynylene;

Ya is absent or selected from O and NRa1;

 Z^a is selected from H, a C_{5-6} carbocyclic residue substituted with 0-3 R^c and a 5-10 membered heteroaryl

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- 5 provided that Z, U^a , Y^a , and Z^a do not combine to form a N-N, N-O, O-N, O-O, $S(O)_p$ -O, $O-S(O)_p$ or $S(O)_p$ -S(O)_p group;
- R² is selected from Q, C_{1-6} alkylene-Q, C_{2-6} alkenylene-Q, $C_{2-6} \text{ alkynylene-Q, } (CR^aR^{a1})_{r1}O(CR^aR^{a1})_{r}-Q, \\ (CR^aR^{a1})_{r1}NR^a(CR^aR^{a1})_{r}-Q, (CR^aR^{a1})_{r1}C(0)(CR^aR^{a1})_{r}-Q, \\ (CR^aR^{a1})_{r1}C(0)O(CR^aR^{a1})_{r}-Q, (CR^aR^{a2})_{r1}C(0)NR^aR^{a1}, \\ (CR^aR^{a2})_{r1}C(0)NR^a(CR^aR^{a1})_{r}-Q, \text{ and } \\ (CR^aR^{a1})_{r1}S(0)_{p}(CR^aR^{a1})_{r}-Q;$
 - Q is selected from H, a C_{3-6} carbocyclic residue substituted with 0-3 R^d and a 5-10 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, 0, and $S(0)_D$ and substituted with 0-3 R^d ;
 - R^a , at each occurrence, is independently selected from H, C_{1-4} alkyl, phenyl and benzyl;
- 25 R^{a1} , at each occurrence, is independently selected from H and C_{1-4} alkyl;
 - R^{a2} , at each occurrence, is independently selected from C_{1-4} alkyl, phenyl and benzyl;

- R^b , at each occurrence, is independently selected from C_{1-4} alkyl, OR^a , Cl, F, =0, NR^aR^{a1} , $C(0)R^a$, $C(0)OR^a$, $C(0)NR^aR^{a1}$, $S(0)_2NR^aR^{a1}$, $S(0)_pR^{a2}$, and CF_3 ;
- 5 R^c, at each occurrence, is independently selected from C_{1-6} alkyl, OR^a, Cl, F, Br, =0, NR^aR^{a1}, C(O)R^a, C(O)NR^aR^{a1}, S(O)_DR^{a2}, and CF₃;
- R^d , at each occurrence, is independently selected from C_{1-6} alkyl, OR^a , Cl, F, Br, =O, NR^aR^{a1} , $C(O)R^a$, $C(O)NR^aR^{a1}$, $S(O)_2NR^aR^{a1}$, $S(O)_pR^{a2}$, CF_3 and phenyl;
- R^5 , at each occurrence, is selected from C_{1-4} alkyl substituted with 0-2 R^b , and C_{1-4} alkyl substituted with 0-2 R^e ;
 - R^e , at each occurrence, is selected from phenyl substituted with 0-2 R^b and biphenyl substituted with 0-2 R^b ;
- 20 p, at each occurrence, is selected from 0, 1, and 2;
 - r, at each occurrence, is selected from 0, 1, 2, 3, and 4;
- r1, at each occurrence, is selected from 0, 1, 2, 3, and 4; and,
 - s and s1 combine to total 1, 2, 3, or 4.

4. A compound according to Claim 3, wherein the compound is of formula IV:

IV

or a stereoisomer or pharmaceutically acceptable salt form thereof, wherein;

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Z is absent or selected from phenyl substituted with $0-3~R^b$ and pyridyl substituted with $0-3~R^b$;

Ua is absent or is O;

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 X^a is absent or is selected from CH_2 , CH_2CH_2 , and C_{2-4} alkynylene;

Ya is absent or is O;

- Z^a is selected from H, phenyl substituted with 0-3 R^c, pyridyl substituted with 0-3 R^c, and quinolinyl substituted with 0-3 R^c; \land
- 20 provided that Z, U^a, Y^a, and Z^a do not combine to form a N-N, N-O, O-N, or O-O group;
 - $\rm R^2$ is selected from Q, $\rm C_{1-6}$ alkylene-Q, $\rm C_{2-6}$ alkynylene-Q, $(\rm CR^aR^{a1})_{r1}O(\rm CR^aR^{a1})_{r}-Q, \ (\rm CR^aR^{a1})_{r1}NR^a(\rm CR^aR^{a1})_{r}-Q,$
- 25 $C(0)(CR^{a}R^{a1})_{r}-Q$, $C(0)O(CR^{a}R^{a1})_{r}-Q$, $C(0)NR^{a}(CR^{a}R^{a1})_{r}-Q$, and $S(0)_{p}(CR^{a}R^{a1})_{r}-Q$;
 - Q is selected from H, cyclopropyl substituted with 0-1 R^d , cyclopentyl substituted with 0-1 R^d , cyclopentyl

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substituted with 0-1 R^d, cyclohexyl substituted with 0-1 R^d, phenyl substituted with 0-2 R^d and a heteroaryl substituted with 0-3 R^d, wherein the heteroaryl is selected from pyridyl, quinolinyl, thiazolyl, furanyl, imidazolyl, and isoxazolyl;

- R^a , at each occurrence, is independently selected from H, CH_3 , and CH_2CH_3 ;
- 10 R^{a1} , at each occurrence, is independently selected from H, CH_3 , and CH_2CH_3 ;
 - R^{a2} , at each occurrence, is independently selected from H, CH_3 , and CH_2CH_3 ;
 - R^b , at each occurrence, is independently selected from C_{1-4} alkyl, OR^a , Cl, F, =0, NR^aR^{a1} , $C(O)R^a$, $C(O)OR^a$, $C(O)NR^aR^{a1}$, $S(O)_2NR^aR^{a1}$, $S(O)_pR^{a2}$, and CF_3 ;
- 20 R^c, at each occurrence, is independently selected from C_{1-6} alkyl, OR^a, Cl, F, Br, =0, NR^aR^{a1}, C(0)R^a, C(0)NR^aR^{a1}, S(0)_DR^{a2}, and CF₃;
- R^d , at each occurrence, is independently selected from C_{1-6} 25 alkyl, OR^a , Cl, F, Br, =O, NR^aR^{a1} , $C(O)R^a$, $C(O)NR^aR^{a1}$, $S(O)_2NR^aR^{a1}$, $S(O)_pR^{a2}$, CF_3 and phenyl;
 - p, at each occurrence, is selected from 0, 1, and 2;
- 30 r, at each occurrence, is selected from 0, 1, 2, and 3;

	and,
5	s and s1 combine to total 2, 3, or 4.
10	5. A compound according to Claim 1, wherein the compound is selected from the group:
10	N-hydroxy-2-{2-{1},4-{12-methyl-4-quinolinyl}methoxy}phenyl}sulfonyl}methyl}-2-pyrrolidinyl}acetamide;
15	<pre>N-hydroxy-2-{1-methyl-2-[({4-[(2-methyl-4- quinolinyl)methoxy]phenyl}sulfonyl)methyl]-2- pyrrolidinyl}acetamide;</pre>
20	<pre>N-hydroxy-2-{1-isobutyl-2-[({4-[(2-methyl-4- quinolinyl)methoxy]phenyl}sulfonyl)methyl]-2- pyrrolidinyl}acetamide;</pre>
25	<pre>N-hydroxy-2-[2-[({4-[(2-methyl-4-</pre>
	<pre>2-{1-acetyl-2-[({4-[(2-methyl-4- quinolinyl)methoxy]phenyl}sulfonyl)methyl]-2- pyrrolidinyl}-N-hydroxyacetamide;</pre>

r1, at each occurrence, is selected from 0, 1, 2, and 3;

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quinolinyl)methoxy]phenyl}sulfonyl)methyl]-3-
                                                                         pyrrolidinyl}acetamide;
                                     N-hydroxy-2-\{1-methyl-3-[(\{4-\{(2-methyl-4-\}\}, \{1-methyl-3-\}\}, \{1-methyl-3-\}\}, \{1-methyl-3-\}, \{
              5
                                                                         quinolinyl)methoxy]phenyl}sulfonyl)methyl]-3-
                                                                        pyrrolidinyl}acetamide;
                                      N-hydroxy-2-\{1-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-isopropyl-3-[(\{4-\{(2-methyl-4-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3-[(1-isopropyl-3
       10
                                                                         quinoliny1) methoxy] pheny1} sulfony1) methy1]-3-
                                                                        pyrrolidinyl}acetamide;
                                      N-hydroxy-2-{1-isobutyl-3-[({4-{(2-methyl-4-
                                                                         quinolinyl)methoxy]phenyl}sulfonyl)methyl]-3-
       15
                                                                        pyrrolidinyl}acetamide;
                                      N-hydroxy-2-{3-[({4-{(2-methyl-4-)}}
                                                                        quinolinyl)methoxy]phenyl}sulfonyl)methyl]-1-
                                                                         neopentyl-3-pyrrolidinyl}acetamide;
<sup>/1</sup>20
                                                                                                                                                                                                                           /\
                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
                                     N-hydroxy-2-\{2-[(\{4-[(2-methyl-4-
                                                                        quinolinyl)methoxy]phenyl}sulfonyl)methyl]-2-
                                                                        piperidinyl}acetamide;
      25
                                     N-hydroxy-2-\{1-methyl-2-[(\{4-[(2-methyl-4-
                                                                         quinolinyl)methoxy]phenyl}sulfonyl)methyl]-2-
```

 $N-hydroxy-2-{3-[({4-{(2-methyl-4-)}}$

piperidinyl}acetamide;

20

 I_{1}

- 5 N-hydroxy-2-{3-[({4-[(2-methyl-4quinolinyl)methoxy]phenyl}sulfinyl)methyl]-3piperidinyl}acetamide;
- N-hydroxy-2-{1-methyl-3-[({4-[(2-methyl-410 quinolinyl)methoxy]phenyl}sulfinyl)methyl]-3piperidinyl}acetamide;
 - N-hydroxy-2-{1-isopropyl-3-[({4-[(2-methyl-4quinolinyl)methoxy]phenyl}sulfinyl)methyl]-3piperidinyl}acetamide;
 - N-hydroxy-2-{3-[({4-[(2-methyl-4quinolinyl)methoxy]phenyl}sulfonyl)methyl]-3piperidinyl}acetamide;

- N-hydroxy-2-{1-methyl-3-[({4-[(2-methyl-4quinolinyl)methoxy]phenyl}sulfonyl)methyl]-3piperidinyl}acetamide;
- 25 N-hydroxy-2-{1-isopropyl-3-[({4-[(2-methyl-4quinolinyl)methoxy]phenyl}sulfonyl)methyl]-3piperidinyl}acetamide;

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N-hydroxy-2-{1-isobuty1-3-[({4-[(2-methyl-4-
                                   quinolinyl)methoxy]phenyl}sulfonyl)methyl]-3-
                                   piperidinyl}acetamide;
    5
                 N-hydroxy-2-{4-[({4-[(2-methyl-4-
                                   quinolinyl)methoxy]phenyl}sulfonyl)methyl]-4-
                                   piperidinyl}acetamide;
                 N-hydroxy-2-{1-methyl-4-[({4-[(2-methyl-4-
10
                                   quinolinyl)methoxy]phenyl}sulfonyl)methyl]-4-
                                   piperidinyl}acetamide;
                 N-hydroxy-2-\{2-[(\{4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy]-4-[(2-methy
                                   quinolinyl)methoxy]phenyl}sulfonyl)methyl]tetrahydro-
15
                                   2-furanyl}acetamide;
                 N-hydroxy-2-{1-[({4-[(2-methyl-4-
                                   quinolinyl)methoxy]phenyl}sulfonyl)methyl]cyclobutyl}a
                                   cetamide;
                                                   11
                                                                                                                                                                        ñ
20
                N-hydroxy-2-\{1-[(\{4-[(2-methyl-4-
                                   quinolinyl)methoxy]phenyl}sulfinyl)methyl]cyclobutyl}a
                                   cetamide;
25
                N-hydroxy-2-{1-[({4-[(2-methyl-4-
                                   quinolinyl)methoxy]phenyl}sulfanyl)methyl]cyclobutyl}a
                                   cetamide;
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N-hydroxy-2-\{1-[(\{4-[(2-methyl-4-
     quinolinyl)methoxy]phenyl}sulfonyl)methyl]cyclohexyl}a
     cetamide;
N-hydroxy-2-\{1-[(\{4-[(2-methyl-4-
     quinolinyl)methoxy]phenyl}sulfanyl)methyl]cyclohexyl}a
     cetamide;
N-hydroxy-2-{3-[({4-[(2-methyl-4-
     quinolinyl)methoxy]phenyl}sulfonyl)methyl]-3-
     oxetanyl}acetamide;
N-hydroxy-2-\{1-methyl-3-[(\{4-[(2-methyl-4-
     quinolinyl)methoxy]phenyl}sulfonyl)methyl]-2-
     oxopyrrolidinyl}acetamide;
N-hydroxy-2-\{1-[(\{4-[(2-methyl-4-
     quinoliny1)methoxy]phenyl}sulfony1)methyl]cyclopentyl}
     acetamide;
                                                   \Lambda
N-hydroxy-2-[5-[({4-[(2-methyl-4-
     quinolinyl)methoxy]phenyl}sulfonyl)methyl]-3-(3-
     pyridinyl)-4,5-dihydro-5-isoxazolyl]acetamide;
N-hydroxy-2-[5-[({4-[(2-methyl-4-
     quinolinyl)methoxy]phenyl}sulfonyl)methyl]-3-(4-
```

25 N-hydroxy-2-[5-[({4-[(2-methyl-4-quinolinyl)methoxy]phenyl}sulfonyl)methyl]-3-(4-pyridinyl)-4,5-dihydro-5-isoxazolyl]acetamide; and,

N-hydroxy-2-{4-[({4-[(2-methyl-430 quinolinyl)methoxy]phenyl}sulfonyl)methyl]tetrahydro2H-pyran-4-yl}acetamide;

or a pharmaceutically acceptable salt form thereof.

6. A pharmaceutical composition, comprising: a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound according to Claim 1 or a pharmaceutically acceptable salt form thereof.

10

7. A method for treating an inflammatory disorder, comprising: administering to a patient in need thereof a therapeutically effective amount of a compound according to Claim 1 or a pharmaceutically acceptable salt form thereof.

15

8. A method, comprising: administering a compound of Claim 1 or a pharmaceutically acceptable salt form thereof in an amount effective to treat an inflammatory disorder.

20

9. A method of treating a condition or disease

mediated by MMPs, TNF, aggrecanase, or a combination
thereof in a mammal, comprising: administering to the

mammal in need of such treatment a therapeutically
effective amount of a compound according to Claim 1 or a
pharmaceutically acceptable salt form thereof.

30

10. A method of treating according to Claim 10, wherein the disease or condition is referred to as acute infection, acute phase response, age related macular degeneration, alcoholism, allergy, allergic asthma, aneurism, anorexia, aortic aneurism, asthma,

athersclerosis, atopic dermatitis, autoimmune disease, autoimmune hepatitis, Bechet's disease, cachexia, calcium pyrophosphate dihydrate deposition disease, cardiovascular effects, chronic fatigue syndrome, chronic obstruction

- pulmonary disease, coagulation, congestive heart failure, corneal ulceration, Crohn's disease, enteropathic arthropathy, Felty's syndrome, fever, fibromyalgia syndrome, fibrotic disease, gingivitis, glucocorticoid withdrawal syndrome, gout, graft versus host disease,
- hemorrhage, HIV infection, hyperoxic alveolar injury, infectious arthritis, inflammation, intermittent hydrarthrosis, Lyme disease, meningitis, multiple sclerosis, myasthenia gravis, mycobacterial infection, neovascular glaucoma, osteoarthritis, pelvic inflammatory
- disease, periodontitis, polymyositis/dermatomyositis, postischaemic reperfusion injury, post-radiation asthenia,
 psoriasis, psoriatic arthritis, pulmonary emphysema,
 pydoderma gangrenosum, relapsing polychondritis, Reiter's
 syndrome, rheumatic fever, rheumatoid arthritis,
- sarcoidosis, scleroderma, sepsis syndrome, Still's disease, shock, Sjogren's syndrome, skin inflammatory diseases, solid tumor growth and tumor invasion by secondary metastases, spondylitis, stroke, systemic lupus erythematosus, ulcerative colitis, uveitis, vasculitis, and

1

25 Wegener's granulomatosis.